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## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/544,174 ✓ Confirmation No.: 8351  
Applicant : Rickards et al.  
Filed : August 2, 2005  
Int. App. No. : PCT/AU2004/000123  
Int. Filing Date : February 3, 2004  
Art Unit : 1615  
Examiner : Not yet assigned  
For : ANTIMICROBIAL TRINERVITANE DERIVATIVES  
Docket No. : 85-05  
Customer No. : 23713

## INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The Examiner is respectfully requested to consider the references, copies enclosed, which may qualify as prior art. For the Examiner's convenience, the references are listed on the attached Patent and Trademark Office form PTO-1449.

This information is cited in a spirit of forthrightness and cooperation to enable the applicants to obtain that measure of protection for the invention to which there is entitlement. However, no representation is made that the listed art actually qualifies as prior art under the patent statute and the mere use of PTO-1449 is not an admission that all listed references are prior art. No representation is made that applicants know of the best art.

It is believed that this submission does not require the payment of a fee. If this is not correct, please charge any required fee to deposit account no. 07-1969.

Respectfully submitted,

Heeja Yoo-Warren  
Reg. No. 45,495

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Attorney Docket No.: 85-05  
bmk: February 14, 2006

## CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as EXPRESS MAIL in an envelope addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO, based on PTO/SB/08A and 08B

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Application Number	10/544,174
Filing Date	08/02/2005
First Named Inventor	Rickards et al.
Art Unit	1615
Examiner Name	Not assigned
Attorney Docket Number	85-05


**U.S. PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
	1	11/256,494		Rickards et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T <sup>2</sup>
	2	WO 01/90035	11/29/2001	Rickards et al.		

**NON-PATENT LITERATURE DOCUMENTS**

Examiner Initial*	Cite No. <sup>1</sup>	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	3	Baker et al. (1982) "Soldier Defense Secretions of the South American Termites <i>Cortaritermes Silvestri</i> , <i>Nasutitermes</i> SP N.D and <i>Nasutitermes Kemneri</i> ," <i>Tetrahedron</i> 38:1899-1910	
	4	Braekman et al. (1986) "Two New C-20 Substituted Trinervitane Diterpenes from a Neo-Guinean <i>Nasutitermes</i> SP," <i>Bull. Soc. Chim. Belg.</i> 95(9):915-919	
	5	Braekman et al. (1984) "New Trinervitane Diterpenes from Neo-Guinean <i>Nasutitermes</i> ," <i>Bull. Soc. Chim. Belg.</i> 93(4):291-297	
	6	Braekman et al. (1983) "Chemical Composition of the Frontal Gland Secretion from Soldiers of <i>Nasutitermes</i> Lijae (termitidae, nasutitermitinae)," <i>Tetrahedron</i> 39:4237-4241	
	7	Chuah et al. (1991) "Intra- and Interspecific Variations in the Defense Secretions of the Malaysian Termite <i>Hospitalitermes</i> (Isoptera: <i>Nasutitermitinae</i> )," <i>Biochem. Syst. Ecol.</i> 19:35-46	
	8	Chuah et al. (1987) "(8,19) $\beta$ -Epoxy-2 $\beta$ ,3 $\alpha$ ,7 $\alpha$ ,9 $\alpha$ ,14 $\alpha$ , 17-hexahydroxytrinervitene 2,3,9,14,17-0-pentapropionate, A Highly Oxygenated Diterpene From the Defense Secretion of the Termite <i>Hospitalitermes umbrinus</i> ," <i>Malaysian J. Sci.</i> 9:83-90	
	9	Chuah et al. (1989) "Interspecific Variation in Defence Secretions of Malaysian Termites from the Genus <i>Nasutitermes</i> (Isoptera, <i>Nasutitermitinae</i> )," <i>J. Chem. Ecol.</i> 15:549-563	

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional).

<sup>2</sup>Applicant is to place a check mark here or "x" if English language Translation is attached.



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		First Named Inventor	Rickards et al.
		Art Unit	1615
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	10	Chuah et al. (1986) "Soldier Defense Secretions of the Genus <i>Hospitalitermes</i> In Peninsular Malaysia," <i>J. Chem. Ecol.</i> 12:701-712	
	11	Dauben et al. (1998) "Synthesis of the Trinervitane Ring System," <i>Tet. Lett.</i> 39:7079-7082	
	12	DeCoursey et al. (1953) "An Antibacterial Agent from <i>Tribolium Castaneum</i> (Herbst)," <i>Ann. Entomol. Soc. Am.</i> 46:386-392	
	13	Dupont et al. (1981) "Chemical Composition of the Frontal Gland Secretions from Neo-Guinean Nasute Termite Soldiers," <i>Bull. Soc. Chim. Belg.</i> 90:485-499	
	14	Goh et al. (1984) "Extreme Intraspecific Chemical Variability in Soldier Defence Secretions of Allopatric and Sympatric Colonies of <i>Longipeditermes longpipes</i> ," <i>J. Chem. Ecol.</i> 10:929-944	
	15	Goh et al. (1990) "Soldier Defence Secretions of Malaysian Free-Ranging Termite of the Genus <i>Lacessititermes</i> (Isoptera, Nasutitermitinae)," <i>J. Chem. Ecol.</i> 16:619-630	
	16	Hirukawa et al. (1994) "First Synthesis of the Trinervitane System from Secotrinervitane by Transannular Ring Construction," <i>J. Chem. Soc. Chem. Commun.</i> 3:311-312	
	17	Kato et al. (2001) "Construction of Trinervitane and Kempene Skeletons Based on Biogenetical Routes," <i>Helv. Chim. Acta.</i> 84:47-68	
	18	Kato et al. (1998) "An Efficient Construction of Trinervitane and Kempene Skeletons from the Common Intermediate," <i>Tet. Lett.</i> 39:7553-7556	
	19	Leem et al. (1999) "Isolation of <i>p</i> -hydroxycinnamaldehyde as an Antibacterial Substance from the Saw Fly, <i>Acantholyda parki</i> S," <i>FEBS Lett.</i> 442:53-56	
	20	Prestwich et al. (1976) "Nasute Termite Soldier Frontal Gland Secretions. 1. Structure of Trinervi-2 $\beta$ ,3 $\alpha$ ,9 $\alpha$ -Triol 9-O-Acetate, A Novel Diterpene from <i>Trinervitermes</i> Soldiers," <i>J. Am. Chem. Soc.</i> 98:6061-6062	
	21	Prestwich, G.D. (1979) "Interspecific Variation in the Defence Secretions of <i>Nasutitermes</i> Soldiers," <i>Biochem. Syst. Ecol.</i> 7:211-221	
	22	Prestwich, G.D. (1979) "Defence Secretion of the Black Termite <i>Grallatitermes africanus</i> (Termitidae, Nasutitermitinae)," <i>Insect Biochem.</i> 9:563-567	
	23	Prestwich, G.D. (1981) "Soldier Defence Secretions of <i>Trinervitermes bettonianus</i> (Isoptera, Nasutitermitinae): Chemical Variation in Allopatric Populations," <i>J. Chem. Ecol.</i> 7:147-157	
	24	Valterova et al. (1986) "Constituents of Frontal Gland Secretion of Peruvian Termites <i>Nasutitermes ephrayae</i> ," <i>Collection Czechoslov. Chem. Commun.</i> 51:2884-2895	
	25	Valterova et al. (1984) "Minor Diterpene Components of the Defence Secretion from the Frontal Gland of Soldiers of the Species <i>Nasutitermes costalis</i> (Holmgren)," <i>Collection Czechoslov. Chem. Commun.</i> 49:2024-2039	
	26	Valterova et al. (1991) "Defensive Substances from the Frontal Gland Secretion of <i>Nasutitermes nigriceps</i> Termite Soldiers," <i>Collection Czechoslov. Chem. Commun.</i> 56:2969-2977	
Examiner Signature			Date Considered

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	27	Vrkoc et al. (1978) "Structure of 2 $\alpha$ , 3 $\alpha$ -dihydroxy- and 2 $\alpha$ , 3 $\beta$ -dihydroxy-1(15),8(19)-trinervitadienes from <i>Nasutitermes costalis</i> (Holmgren)," <i>Collection Czechoslov. Chem. Commun.</i> 43:2478-2485	
	28	Vrkoc et al. (1978) "Structure of Trinervitene Diterpenoids," <i>Collection Czechoslov. Chem. Commun.</i> 43:1125-1132	

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